UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/447,443	11/22/1999	PRASANTA BEHERA	NETS0059	3814

22862   7590   06/18/2003

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EXAMINER
DODDS, HAROLD E

ART UNIT	PAPER NUMBER
2177	

DATE MAILED: 06/18/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	09/447,443	BEHERA, PRASANTA
	Examiner	Art Unit
	Harold E. Dodds, Jr.	2177

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _01 April 2003_ .

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-27_ is/are pending in the application. ·

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-27_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

    If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

        1.☐ Certified copies of the priority documents have been received.

        2.☐ Certified copies of the priority documents have been received in Application No. _____ .

        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

    a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)	4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) ☐ Notice of Informal Patent Application (PTO-152)
3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .	6) ☐ Other: .

DETAILED ACTION

37 CFR 1.131 Affidavit Rejection

1.   The evidence submitted is insufficient to establish diligence from a date

prior to the date of reduction to practice of the Weschler (U.S. Patent No. 6,470,332)

reference to either a constructive reduction to practice or an actual reduction to practice.

At page 1 and 2, paragraph 4 of the affidavit, the Claimant states:

> "The earliest filing date of the above mentioned reference is May 19, 1999. The
> conception of the claimed subject matter of my invention occurred prior to the specified
> date of said reference and was coupled with due diligence from prior to said reference
> date to the filing of the above mentioned application. In support of this, I have attached
> the following document: "An Elegant Method to Enable User Manageability in a LDAP
> Server" dated September 2, 1998 (marked Exhibit "A")."

Likewise, at page 2, paragraph 7 of the affidavit, the Claimant states:

> "The above supporting facts show the conception of my invention prior to the
> effective date of said reference coupled with due diligence from prior to said date to the
> filing of the above-cited application."

In paragraphs 4 and 7 the Claimant states that he was diligent, but nowhere in the

affidavit does the Claimant provide any proof of diligence.

2.   The evidence submitted is insufficient to establish applicant's alleged

actual reduction to practice of the invention in this country or a NAFTA or WTO member

country after the effective date of the Weschler reference. There was no indication as

to which portions of Exhibit A are related to the various phrases in independent claims

1, 5, 6, 10, 14, 15, 19, 23, and 24 of the patent application. A review of Exhibit A shows

that many of the elements in independent claims 1, 5, 6, 10, 14, 15, 19, 23, and 24 are

revealed. However, there is no reference to the use of commands in the Exhibit.

For these reasons, the "Affidavit Under 37 C.F.R. § 1.131" has been disallowed.

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for

all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

4.   Claims 1-27 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Weschler et al. (U.S. Patent No. 6,470,332), Hann et al. (U.S. Patent No.

4,799,153), and Albrecht et al. (U.S. Patent No. (5,950,011).

5.   Weschler rendered obvious independent claims 1, 10, and 19 by the

following:

"...providing a user defined access control command attribute..." at col. 1, lines 55-59,

col. 8, lines 56-59, and col. 7, lines 57-61.

"...a specified set of Lightweight Directory Access Protocol (LDAP) attributes..." at col. 4,

lines 61-63 and col. 8, lines 56-59.

"...providing a system administrator defined..." at col. 2, lines 35-37 and col. 1, lines 55-

59.

"...read access control command..." at col. 8, lines 1-9, col. 8, lines 56-59, and col. 7,

lines 56-59.

"...wherein said read access control command..." at col. 8, lines 1-9, col. 8, lines 56-59,

and col. 7, lines 56-59.

"...resides in a directory containing said LDAP attributes..." at col. 8, lines 10-15, col. 8,

lines 56-59, and col. 7, lines 56-59.

"...said read access control command..." at col. 8, lines 1-9, col. 8, lines 56-59, and col.

7, lines 56-59.

"...listing LDAP user attributes..." at col. 8, lines 56-59, and col. 7, lines 56-59.

"...that said administrator has selected..." at col. 2, lines 35-37 and col. 1, lines 55-59.

"...for user defined read access..." at col. 1, lines 55-59, col. 8, lines 1-9, and col. 8, lines

56-59.

"...and said read access control command..." at col. 8, lines 1-9, col. 8, lines 56-59, and

col. 7, lines 56-59.

"...referring to said user defined..." at col. 1, lines 55-59.

"...at runtime..." at col. 1, lines 55-59.

"...read access to said LDAP user attributes..."

Weschler does not teach the use of user identifications and the use of read lists.

6.   However, Hann teaches the use of user identifications as follows:

"...containing user identifications..." at col. 16, lines 16-21.

"...allowing said read user identifications..." at col. 7, lines 30-33 and col. 16, lines 16-

21.

It would have been obvious to one ordinarily skilled in the art at the time of the

invention to use user identifications in order have a method of determining which users

were authorized to use the system.

Hann does not teach the use of read lists.

7.   However, Albrecht teaches the use of read lists as follows:

"...read list..." at col. 10, lines 18-23.

"...that are allowed to read..." at col. 2, lines 26-32.

"...read list..." at col. 10, lines 18-23.

"...read access to said user attributes..." at col. 9, lines 57-58.

It would have been obvious to one ordinarily skilled in the art at the time of the invention to be able to read a user defined list in order to select entries in the list for further processing.

8.   Weschler rendered obvious independent claims 5, 14, and 23 by the following:

"...providing a system administrator defined read access control command..." at col. 1, lines 55-59, col. 8, lines 3-9, col. 8, lines 56-59, and col. 7, lines 57-61.

"...that lists Lightweight Directory Access Protocol (LDAP) user attributes..." at col. 4, lines 61-63 and col. 8, lines 56-59.

"...that said administrator has selected..." at col. 2, lines 35-37 and col. 1, lines 55-57.

"...for user defined read access..." at col. 1, lines 55-57, col. 8, lines 3-9, and col. 8, lines 56-59.

"...providing a system administrator defined..." at col. 2, lines 35-37 and col. 1, lines 55-57.

"...write access control command..." at col. 8, lines 3-9, col. 8, lines 55-59, and col. 7, lines 57-61.

"...that lists LDAP user attributes..." at col. 4, lines 61-63 and col. 8, lines 56-59.

"...that said administrator has selected..." at col. 2, lines 35-37 and col. 1, lines 55-57.

"...for user defined write access..." at col. 1, lines 55-59, col. 8, lines 39-, and col. 8,

lines 56-59.

"...providing a plurality of user defined..." at col. 1, lines 55-59.

"...access control command attribute..." at col. 8, lines 55-59 and col. 7, lines 57-61.

"...said LDAP user attributes..." at col. 4, lines 61-63 and col. 8, lines 56-59.

"...that said administrator has selected..." at col. 2, lines 35-37 and col. 1, lines 55-57.

"...for user defined read access..." at col. 1, lines 55-57, col. 8, lines 3-9, and col. 8, lines

56-59.

"...and providing a plurality of user defined..." at col. 1, lines 55-59.

"...access control command attribute..." at col. 8, lines 55-59 and col. 7, lines 57-61.

"...said LDAP user attributes..." at col. 4, lines 61-63 and col. 8, lines 56-59.

"...that said administrator has selected..." at col. 2, lines 35-37 and col. 1, lines 55-57.

"...for user defined write access..." at col. 1, lines 55-57, col. 8, lines 3-9, and col. 8,

lines 56-59.

"...wherein said read access control command and said write access control

command..." at col. 8, lines 3-9, col. 8, lines 56-59, and col. 7, lines 57-61.

"...reside in a directory containing said LDAP user attributes..." at col. 8, lines 10-15, col.

8, lines 56-59, and col. 7, lines 56-59.

"...wherein when a client read access... at col. 1, lines 55-59, col. 8, lines 3-9, and col. 8,

lines 56-59.

"...to one of the LDAP user attributes..." at col. 4, lines 61-63 and col. 8, lines 56-59.

"...that said administrator has selected..." at col. 2, lines 35-37 and col. 1, lines 55-57.

"...for user defined read access occurs..." at col. 1, lines 55-57, col. 8, lines 3-9, and col. 8, lines 56-59.

"...said read access control command..." at col. 8, lines 3-9, col. 8, lines 56-59, and col. 7, lines 57-61.

"...of the attribute being accessed..." at col. 8, lines 56-59.

"...said read access..." at col. 8, lines 1-9 and col. 8, lines 56-59.

"...and wherein when a client write access..." at col. 1, lines 55-59, col. 8, lines 3-9, and col. 8, lines 56-59.

"...to one of the LDAP user attributes..." at col. 4, lines 61-63 and col. 8, lines 56-59.

"...that said administrator has selected..." at col. 2, lines 35-37 and col. 1, lines 55-57.

"...for user defined write access occurs..." at col. 1, lines 55-57, col. 8, lines 3-9, and col. 8, lines 56-59.

"...said write access control command..." at col. 8, lines 3-9, col. 8, lines 56-59, and col. 7, lines 57-61.

"...of the attribute being accessed..." at col. 8, lines 56-59.

"...said write access..." at col. 8, lines 1-9 and col. 8, lines 56-59.

Weschler does not teach the lists of user identifications, the use of owners, the use of read lists, and the use of write lists.

9.   However, Hann teaches the use of user identifications as follows:

"...containing user identifications..." at col. 16, lines 16-21.

"...containing user identifications..." at col. 16, lines 16-21.

"...of the owner..." at col. 16, lines 20-21 and col. 7, lines 36-39.

"...of the owner..." at col. 16, lines 20-21 and col. 7, lines 36-39.

It would have been obvious to one ordinarily skilled in the art at the time of the invention to use user identifications in order have a method of determining which users were authorized to use the system. Likewise, it would have been obvious to one ordinarily skilled in the art at the time of the invention to allow certain users to own attributes in order to restrict use of these attributes to users that have permission of the owner to use the owned attributes.

Hann does not teach the use of read lists and the use of write lists.

10.   However, Albrecht teaches the use of read lists and the use of write lists as follows:

"...read lists..." at col. 10, lines 18-23.

"...that are allowed to read..." at col. 2, lines 26-32.

"...write lists..." at col. 2, lines 26-32 and col. 10, lines 18-23.

"...that are allowed to write..." at col. 2, lines 26-32.

"...and the read list..." at col. 10, lines 18-23.

"...are used to determine if said client has permission to execute..." at col. 21, lines 61-65 and col. 13, lines 31-34.

"...and the write list..."

"...are used to determine if said client has permission to execute..." at col. 21, lines 61-65 and col. 13, lines 31-34.

It would have been obvious to one ordinarily skilled in the art at the time of the invention to be able to read using a user-defined list in order to select entries in the list

for further processing and to write using a user-defined list in order to complete

processing entities on the list.

      11.   Weschler rendered obvious independent claims 6, 15, and 24 by the

following:

"...providing a user defined access control command attribute..." at col. 1, lines 55-59,

col. 8, lines 56-59, and col. 7, lines 57-61.

"...a specified set of Lightweight Directory Access Protocol (LDAP) attributes..." at col. 4,

lines 61-63 and col. 8, lines 56-59.

"...providing a system administrator defined..." at col. 2, lines 35-37 and col. 1, lines 55-

59.

"...write access control command..." at col. 8, lines 1-9, col. 8, lines 56-59, and col. 7,

lines 56-59.

"...wherein said write access control command..." at col. 8, lines 1-9, col. 8, lines 56-59,

and col. 7, lines 56-59.

"...resides in a directory containing said LDAP attributes.." at col. 8, lines 10-15, col. 8,

lines 56-59, and col. 7, lines 56-59.

"...said write access control command..." at col. 8, lines 1-9, col. 8, lines 56-59, and col.

7, lines 56-59.

"...listing LDAP user attributes..." at col. 8, lines 56-59, and col. 7, lines 56-59.

"...that said administrator has selected..." at col. 2, lines 35-37 and col. 1, lines 55-59.

"...for user defined write access..." at col. 1, lines 55-59, col. 8, lines 1-9, and col. 8,

lines 56-59.

"...and said write access control command..." at col. 8, lines 1-9, col. 8, lines 56-59, and

col. 7, lines 56-59.

"...referring to said user defined..." at col. 1, lines 55-59.

"...at runtime..." at col. 1, lines 55-59.

"...write access to said LDAP user attributes..."

Weschler does not teach the use of user identifications and the use of write lists.

12.   However, Hann teaches the use of user identifications as follows:

"...containing user identifications..." at col. 16, lines 16-21.

"...allowing said write user identifications..." at col. 7, lines 30-33 and col. 16, lines 16-

21.

It would have been obvious to one ordinarily skilled in the art at the time of the

invention to use user identifications in order have a method of determining which users

were authorized to use the system.

Hann does not teach the use of write lists.

13.   However, Albrecht teaches the use of write lists as follows:

"...write list..." at col. 2, lines 26-32 and col. 10, lines 18-23.

"...that are allowed to write..." at col. 2, lines 26-32.

"...write list..." at col. 2, lines 26-32 and col. 10, lines 18-23.

"...write access to said user attributes..." at col. 10, lines 57-61 and col. 9, lines 57-58.

It would have been obvious to one ordinarily skilled in the art at the time of the

invention to be able to write to a user defined list in order to complete processing entries

in the list.

14.   As per claims 2, 11, and 20, the "...read access access control command...," is taught by Weschler at col. 8, lines 1-9, col. 8, lines 57-59, and col. 7, lines 56-59,

the "...according to the attribute being accessed...," is taught by Weschler at col. 8, lines 57-59,

the "...refers to the read list...," is taught by Albrecht at col. 10, lines 18-23,

the "...list of the owner...," is taught by Hann at col. 16, lines 20-21 and col. 7, lines 36-39,

the "...of the attribute being accessed...," is taught by Weschler at col. 8, lines 57-59,

the "...to determine if said client has permission to execute...," is taught by Albrecht at col. 21, lines 61-65 and col. 13, lines 31-34,

and the "...read access...," is taught by Weschler at col. 8, lines 1-9 and col. 8, lines 56-59.

15.   As per claims 3, 12, and 21, the "...providing a user defined...," is taught by Weschler at col. 1, lines 55-59,

the "...write list...," is taught by Albrecht at col. 2, lines 26-32 and col. 10, lines 18-22,

the "...containing user identifications...," is taught by Hann at col. 16, lines 16-21,

the "...that are allowed to write a specified set of attributes...," is taught by Weschler at col. 8, lines 3-9,

the "...providing a system administrator defined...," is taught by Weschler at col. 2, lines 35-37 and col. 1, lines 55-59,

the "...write access control command...," is taught by Weschler at col. 8, lines 1-9, col. 8,

lines 56-59, and col. 7, lines 56-59,

the "...write access control command...," is taught by Weschler at col. 8, lines 1-9, col. 8,

lines 56-59, and col. 7, lines 56-59,

the "...listing the user attributes...," is taught by Weschler at col. 8, lines 56-59 and col.

7, lines 56-59,

the "...said administrator has selected...," is taught by Weschler at col. 2, lines 35-37

and col. 1, lines 55-59,

the "...for user defined write access...," is taught by Weschler at col. 1, lines 55-59, col.

8, lines 1-9, and col. 8, lines 56-59,

the "...write access control command referring to...," is taught by Weschler at col. 8,

lines 1-9, col. 8, lines 56-59, and col. 7, lines 56-59,

the "...user defined...," is taught by Weschler at col. 1, lines 55-59,

the "...write list...," is taught by Albrecht at col. 2, lines 26-32 and col. 10, lines 18-22,

the "...user identifications...," is taught by Hann at col. 16, lines 16-21,

and the "...write access to said user attributes...," is taught by Weschler at col. 8, lines

56-59 and col. 7, lines 56-59.

16.   As per claims 4, 13, and 22, the "...write access control command...," is

taught by Weschler at col. 8, lines 1-9, col. 8, lines 57-59, and col. 7, lines 56-59,

the "...according to the attribute being accessed...," is taught by Weschler at col. 8, lines

57-59,

the "...refers to the write list...," is taught by Cutler at col. 23, lines 58-60,

the "...list of the owner...," is taught by Hann at col. 16, lines 20-21 and col. 7, lines 36-39,

the "...of the attribute being accessed...," is taught by Weschler at col. 8, lines 57-59,

the "...to determine if said client has permission to execute...," is taught by Albrecht at col. 21, lines 61-65 and col. 13, lines 31-34,

and the "...write access..," is taught by Weschler at col. 8, lines 1-9 and col. 8, lines 56-59.

17.   As per claims 7, 16, and 25, the "...write access control command...," is taught by Weschler at col. 8, lines 1-9, col. 8, lines 57-59, and col. 7, lines 56-59,

the "...according to the attribute being accessed...," is taught by Weschler at col. 8, lines 57-59,

the "...refers to the write list...," is taught by Cutler at col. 23, lines 58-60,

the "...list of the owner...," is taught by Hann at col. 16, lines 20-21 and col. 7, lines 36-39,

the "...of the attribute being accessed...," is taught by Weschler at col. 8, lines 57-59,

the "...to determine if said client has permission to execute...," is taught by Albrecht at col. 21, lines 61-65 and col. 13, lines 31-34,

and the "...write access..," is taught by Weschler at col. 8, lines 1-9 and col. 8, lines 56-59.

18.   As per claims 8, 17, and 26, the "...providing a user defined...," is taught by Weschler at col. 1, lines 55-59,

the "...read list...," is taught by Albrecht at col. 10, lines 18-22,

the "...containing user identifications...," is taught by Hann at col. 16, lines 16-21,

the "...that are allowed to read a specified set of attributes...," is taught by Weschler at

col. 8, lines 3-9,

the "...providing a system administrator defined...," is taught by Weschler at col. 2, lines

35-37 and col. 1, lines 55-59,

the "...read access control command...," is taught by Weschler at col. 8, lines 1-9, col. 8,

lines 56-59, and col. 7, lines 56-59,

the "...read access control command...," is taught by Weschler at col. 8, lines 1-9, col. 8,

lines 56-59, and col. 7, lines 56-59,

the "...listing the user attributes...," is taught by Weschler at col. 8, lines 56-59 and col.

7, lines 56-59,

the "...said administrator has selected...," is taught by Weschler at col. 2, lines 35-37

and col. 1, lines 55-59,

the "...for user defined read access...," is taught by Weschler at col. 1, lines 55-59, col.

8, lines 1-9, and col. 8, lines 56-59,

the "...read access control command referring to...," is taught by Weschler at col. 8, lines

1-9, col. 8, lines 56-59, and col. 7, lines 56-59,

the "...user defined...," is taught by Weschler at col. 1, lines 55-59,

the "...read list...," is taught by Albrecht at col. 10, lines 18-22,

the "...user identifications...," is taught by Hann at col. 16, lines 16-21,

and the "...read access to said user attributes...," is taught by Weschler at col. 8, lines

56-59 and col. 7, lines 56-59.

19.   As per claims 9, 18, and 27, the "...read access access control

command...," is taught by Weschler at col. 8, lines 1-9, col. 8, lines 57-59, and col. 7,

lines 56-59,

the "...according to the attribute being accessed...," is taught by Weschler at col. 8, lines

57-59,

the "...refers to the read list...," is taught by Albrecht at col. 10, lines 18-23,

the "...list of the owner...," is taught by Hann at col. 16, lines 20-21 and col. 7, lines 36-

39,

the "...of the attribute being accessed...," is taught by Weschler at col. 8, lines 57-59,

the "...to determine if said client has permission to execute...," is taught by Albrecht at

col. 21, lines 61-65 and col. 13, lines 31-34,

and the "...read access...," is taught by Weschler at col. 8, lines 1-9 and col. 8, lines 56-

59.

Response to Arguments

20.   Applicant's arguments filed 1 April 2003 have been fully considered but

they are not persuasive. In the first argument for independent claims 1, 5, 6, 10, 14, 15,

19, 23, and 24 on page 2 paragraph 3 the Applicant states as follows:

"The rejection of Claims 1, 5, 6, 10, 14, 15, 19, 23, and 24 under 35 U.S.C. §103(a) is
deemed moot in view of the declaration by the inventor, Prasanta Behera, under 37
C.F.R. 1.131 that Applicant has attached, swearing behind Weschler."

The rejection of independent claims 1, 5, 6, 10, 14, 15, 19, 23, and 24 remains in force

since the "Affidavit Under 37 C.F.R. § 1.131" has been disallowed due to lack of proof of

diligence of the Claimant and the failure to indicate which portions of Exhibit A are

related to the various phrases in independent claims 1, 5, 6, 10, 14, 15, 19, 23, and 24.

21.   In the second argument for claims 2-4, 7-9, 11-13, 16-18, 20-22, and 25-

27 on page 2 paragraph 5 the Applicant states as follows:

"Claims 1, 5, 6, 10, 14, 15, 19, 23, and 24 are in allowable condition. Claims 2-4, and
7-9, and 11-13, and 16-18, and 20-22, and 25-27 are dependent upon independent
Claims 1, 6, 10, 15, 19, and 24, respectively, which are in allowable condition.
Therefore, Applicant respectfully requests that the Examiner withdraw the rejection
under 35 U.S.C. §103(a)."

Since independent claims 1, 5, 6, 10, 14, 15, 19, 23, and 24 remain in rejected

condition, claims 2-4, 7-9, 11-13, 16-18, 20-22, and 25-27 are dependent upon

independent claims 1, 6, 10, 15, 19, and 24, and no additional arguments have been

made for claims 2-4, 7-9, 11-13, 16-18, 20-22, and 25-27, these claims are rendered

obvious.

Conclusion

22.   **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of

time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

23.   Any inquiry concerning this communication or earlier communications from

the examiner should be directed to Harold E. Dodds, Jr. whose telephone number is

(703)-305-1802. The examiner can normally be reached on Monday - Friday 8:00 -

4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, John E. Breene can be reached on (703)-305-9790. The fax phone

numbers for the organization where this application or proceeding is assigned are (703)

746-7239 for regular communications and 703-746-7238 for After Final

communications.

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is (703)-

305-3900.

Harold E. Dodds, Jr.
Patent Examiner
June 13, 2003

GRETA ROBINSON
PRIMARY EXAMINER